

TABLE 1-continued

Summary of signalment and response to dietary therapy in dogs with chronic inflammatory bowel disease						
Subject	Signalment	History	BCS (9 pt)	Clinical outcome	Additional therapy	Chg BW (kg)
2	9 y F Collie	3 mo history vomiting & diarrhea (sm bowel), wt loss (3 kg)	6	Complete resolution	None	+6.5
3	2 yr FS Puli	18 mo history of intermittent vomiting	4	Moderate improvement	Metoclopramide	-0.7
4	1.5 yr FS Rhod. Ridge	18 mo history vomiting & diarrhea (lg & sm bowel), wt loss (4 kg)	3	Complete resolution	None	0
5	3 Yr F German Shepherd	3 mo history diarrhea (sm bowel), wt loss (5 kg). Concurrent EPI	3	Moderate improvement	Pancreazyme, Prednisone, Metronidazole	0
6	1.5 yr MC Dalmatian	6 mo history vomiting & diarrhea (lg bowel)	7	Moderate improvement	None	0

BW = body weight; BCS = body condition score, as defined in D. P. Laflamme, "Body Condition Scoring and Weight Maintenance," Proc. N. Am. Vet. Conf. Jan. 16-21, 1993, Orlando, FL, pp 290-291; D. P. Laflamme, R. D. Kealy, and D. A. Schmidt, "Estimation of Body Fat by Body Condition Score," J. Vet. Int. Med. 1994 8:154; D. P. Laflamme, G. Kuhlman, D. F. Lawler, R. D. Kealy, and D. A. Schmidt, "Obesity Management in Dogs," J. Vet. Clin. Nutr. 1994 1:59-65;
 EPI = exocrine pancreatic insufficiency;
 M = male;
 F = female;
 FS = female (spayed);
 MC = male, castrated.

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The above examples are provided by way of illustrating the invention, and not to serve as limitations to it.

What is claimed is:

1. A solid hypoallergenic pet food providing a maintenance diet for pets comprising a component that contains protein or protein fragments wherein all of said component is partially hydrolyzed such that the average molecular weight of said component is about 12 kD and at least a portion of but no more than 20% of the total protein on a weight basis has a molecular weight greater than 20 kD.

2. The pet food of claim 1, wherein the protein component is hydrolyzed by a method selected from the group consisting of acidic hydrolysis, alkaline hydrolysis, and enzymatic hydrolysis.

3. The pet food of claim 1, wherein the protein component is chosen from the group consisting of plant sources and animal sources.

4. The pet food of claim 3, wherein the plant source is chosen from the group consisting of soy beans, algae, yeast, bacteria, flaxseed, corn, wheat, oats, sorghum, kelp, barley, alfalfa, rye, quinoa, peanuts, rice, and potatoes.

5. The pet food of claim 3, wherein the animal source is chosen from the group consisting of mammals and their milk, fowl, and fish.

6. The pet food of claim 5, wherein the animal source is chosen from the group consisting of cattle, sheep, pigs, goats, deer, rabbits, horses, kangaroos, catfish, herring, salmon, ostriches and their eggs, turkeys and their eggs, chickens and their eggs, and ducks and their eggs.

7. The pet food of claim 1, wherein the pet food is in a form chosen from the group consisting of a kibble, a gruel, and a powder from which a gruel can be prepared.

8. A solid hypoallergenic pet food providing a maintenance diet for pets comprising a component that contains protein or protein fragments wherein all of said component is partially hydrolyzed such that the average molecular weight of said component is below 18 kD and a least a portion of but no more than 20% of the total protein on a weight basis has a molecular weight greater than 20 kD.

9. The pet food of claim 8, wherein the protein component is hydrolyzed by a method selected from the group consisting of acidic hydrolysis, alkaline hydrolysis and enzymatic hydrolysis.

10. The pet food of claim 8 wherein the protein component is chosen from the group consisting of plant sources and animal sources.

11. The pet food of claim 10 wherein the plant source is chosen from the group consisting of soy beans, algae, yeast, bacteria, flaxseed, corn, wheat, oats, sorghum, barley, alfalfa, rye, quinoa, peanuts, rice, and potatoes.

12. The pet food of claim 10, wherein the animal source is chosen from the group consisting of mammals and their milk, fowl and fish.

13. The pet food of claim 8, wherein the pet food is in a form chosen from the group consisting of a kibble, a gruel and a powder from which a gruel can be prepared.

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